

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An apparatus for a dipping treatment having a conveyor disposed above a treatment bath for dipping and designed to cause a workpiece conveyed by the conveyor to be immersed in and emerge from the treatment bath for dipping, wherein the workpiece is supported above the conveyor through a carrier, and the carrier is swung through an angle of approximately 180 degrees [[above]] through the treatment bath for dipping in a plane that is substantially perpendicular to a direction of travel of the conveyor to cause the workpiece to be immersed in and emerge from the treatment bath for dipping.

2. (Previously Presented) The apparatus for the dipping treatment according to claim 1, wherein a part of the conveyor which is positioned above the treatment bath for dipping is provided with a movable section which rotates in the plane that is substantially perpendicular to the direction of travel, and this movable section is caused to rotate together with the carrier.

3. (Previously Presented) The apparatus for the dipping treatment according to claim 1, wherein the conveyor positioned

above the treatment bath for dipping is positioned in one level plane.

4. (Previously Presented) The apparatus for the dipping treatment according to claim 1, wherein more than one treatment bath for dipping are disposed in series, and the dipping treatment is performed for each treatment bath for dipping in sequence.

5. (Previously Presented) The apparatus for the dipping treatment according to claim 1, wherein a tact conveyance method is employed on the workpiece, whereby the dipping treatment is performed after the carrier is stopped above the treatment bath for dipping.

6. (Currently Amended) A dipping treatment method for a workpiece being provided above a treatment bath for dipping, conveyed by a conveyor and immersed and emerge from the treatment bath, comprising the steps of:

supporting and moving a workpiece above the conveyor through a carrier;

stopping the carrier above a treatment bath; and

swinging the carrier through an angle of approximately 180 degrees [[above]] through the treatment bath for dipping in a plane that is substantially perpendicular to a direction of travel of the conveyor to cause the workpiece to be immersed and to emerge from the treatment bath for dipping.

7. (Previously Presented) An apparatus for treating and conveying different kinds of workpieces in a mixed condition to a treating section, wherein:

the apparatus is provided with a corresponding exclusive treating section having dipping baths on each side of a conveyor for each different kind of workpiece;

the workpiece on the conveyor can be horizontally rotated selectively, either to the right or left side in a direction of travel of the conveyor, corresponding to the treating section;

and the apparatus is constituted to treat each workpiece.

8. (Previously Presented) An apparatus for treating and conveying different kinds of workpieces in a mixed condition according to claim 7, wherein said treatment is a pretreatment process for the workpiece preceding a painting process in a painting line.

9. (Previously Presented) An apparatus for treating and conveying different kinds of workpieces in a mixed condition according to claim 7, wherein said treatment is a drying process for the workpiece subsequent to a painting process in a painting line.

10. (Previously Presented) An apparatus for treating and conveying different kinds of workpieces in a mixed condition according to claim 7, wherein said treating section comprises dipping baths, and the adjoining baths are arranged at different heights.

11. (Currently Amended) An apparatus for treating and conveying different kinds of workpieces in a mixed condition to a treating section, wherein said apparatus is provided with a corresponding exclusive treating section having dipping baths on each side of a conveyor for each different kind of workpiece, and the apparatus is adapted to allow the workpiece on the conveyor to be horizontally rotated through an angle of approximately 180 degrees selectively to the right or left side in a direction of travel corresponding to the treating conditions so as to treat the workpiece at either the right or

left exclusive treating sections or to pass the workpiece without rotating horizontally when treating conditions are not suitable for either of the exclusive treating sections.

12. (Currently Amended) A dipping treatment method for different kinds of workpieces in a mixed condition, comprising the steps of:

supporting different kind of workpieces above a conveyor;
moving the workpieces on the conveyor to a treatment bath;
stopping a workpiece above the treatment bath; and
rotating the workpiece on the conveyor through an angle of approximately 180 degrees selectively either to the right or left side substantially perpendicular to a direction of travel of the conveyor to treat each workpiece in accordance with the treating condition.

13. (Previously Presented) An apparatus according to claim 7, further including painting sections for applying different colors at both the left and right sides of the conveyor, and wherein the workpiece, which is guided and moved by said conveyor, is allowed to rotate horizontally either to the right

or left side and is painted with a required color in any one of said painting sections.

14. (Previously Presented) An apparatus according to claim **13**, wherein said painting is effected by electrodeposition, and each said painting section is a paint bath for dipping.

15. (Previously Presented) A method according to claim **12**, including the following steps of:

moving the workpiece to painting sections;

stopping the carrier above the painting sections for applying different colors at both the left and right sides of the conveyor;
and

rotating the conveyor either to the right or the left side to paint the workpiece with a required color in any one of the painting sections.